

#3

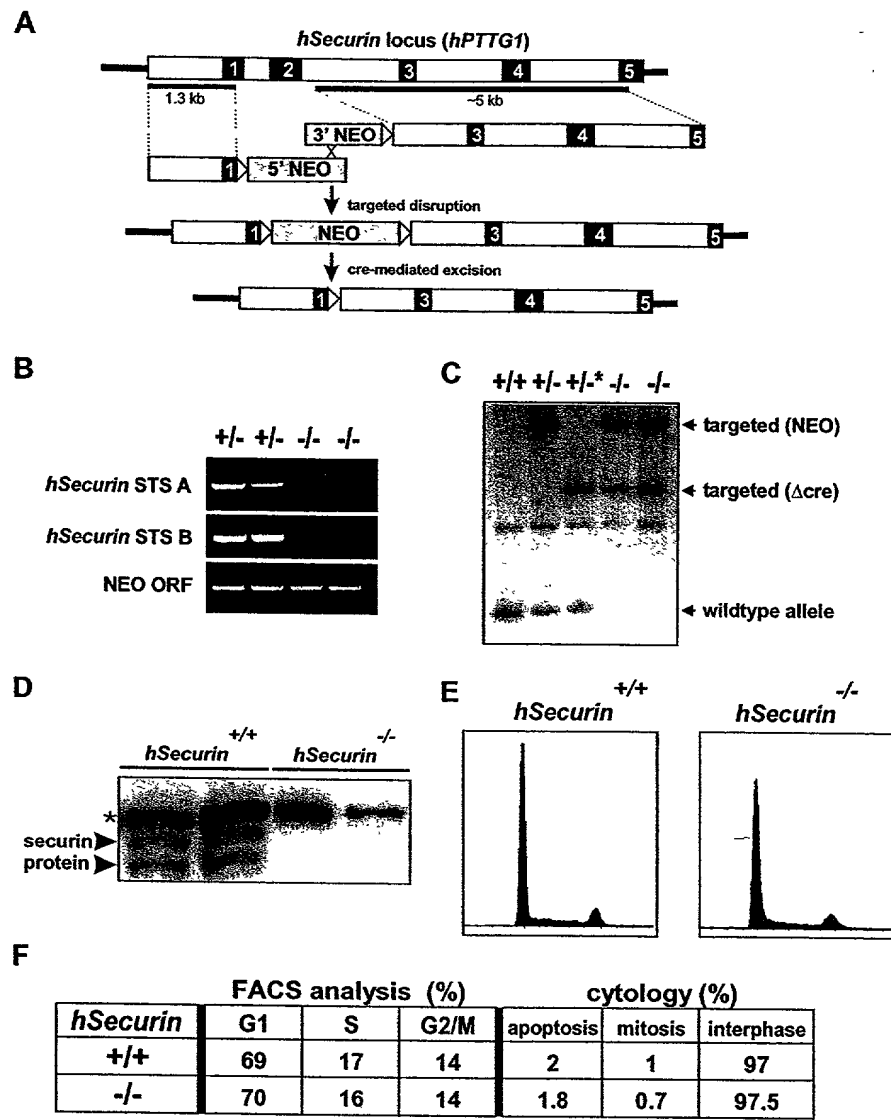


FIG. 1

| F | chromosome analyzed | number of FISH signals per cell | | | | | | % of cells off the mode |
|--------------|---------------------|---------------------------------|---|----|---|---|----|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | ≥5 | |
| HCT116 (+/+) | 7 | 0 | 2 | 98 | 0 | 0 | 0 | 2 |
| | 12 | 0 | 0 | 99 | 1 | 0 | 0 | 1 |
| | 17 | 0 | 2 | 96 | 2 | 0 | 0 | 4 |
| | X | 0 | 2 | 96 | 4 | 0 | 0 | 4 |
| KO1 (-/-) | 7 | 0 | 3 | 76 | | | 0 | 24 |
| | 12 | 0 | | 70 | | | 2 | 30 |
| | 17 | 2 | | 74 | | 0 | 0 | 26 |
| | X | | 2 | 65 | | 2 | 1 | 0 |
| KO2 (-/-) | 7 | 1 | | 99 | | | 2 | 31 |
| | 12 | 2 | | 90 | 3 | 3 | 1 | 20 |
| | 17 | 2 | | 43 | 4 | 3 | 4 | 17 |
| | X | | 2 | 75 | | 1 | 0 | 27 |

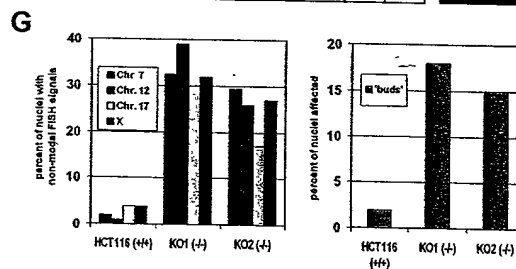
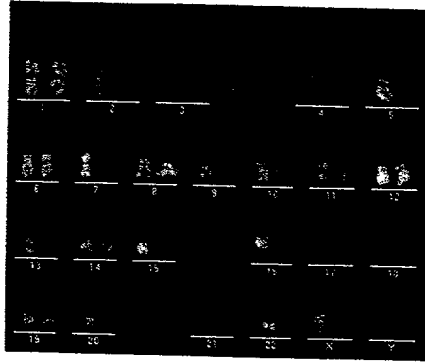
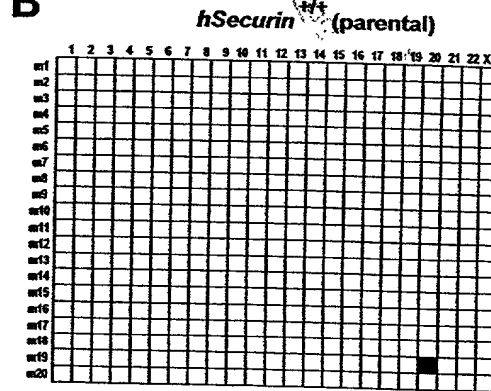


FIG. 2

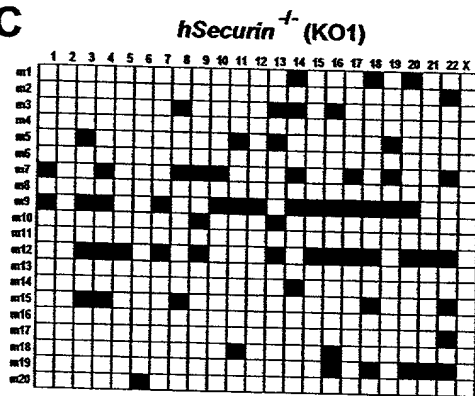
A



B



C



D

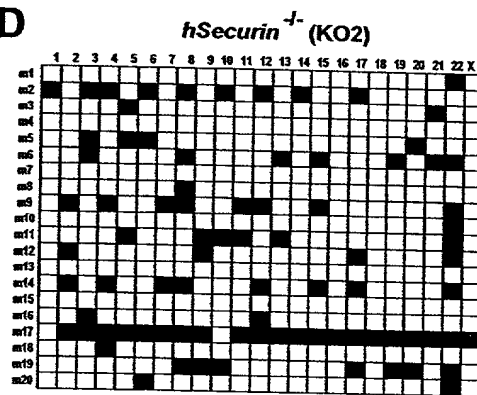
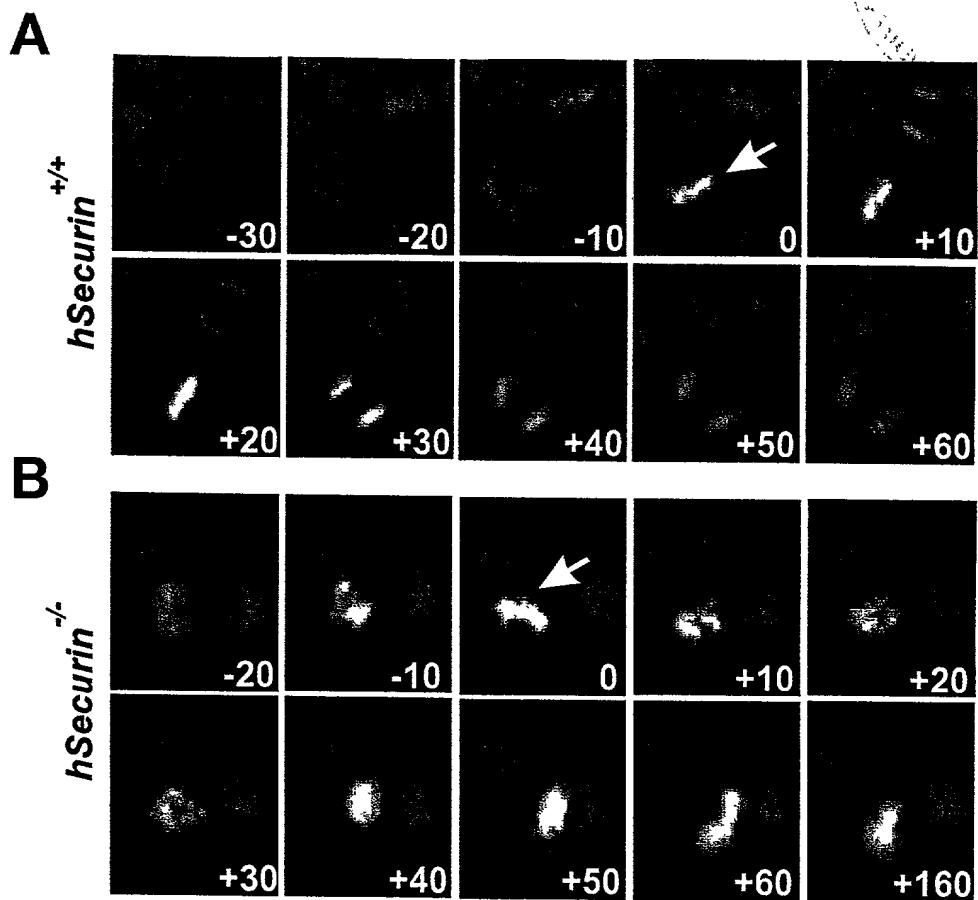


Fig. 3



C

| mitotic interval (minutes) | <i>hSecurin</i> | |
|-------------------------------|-----------------|-----|
| | +/+ | -/- |
| prophase to metaphase | 15 | 19 |
| metaphase to anaphase | 21 | 57 |
| anaphase to telophase | 17 | 16 |

FIG. 4

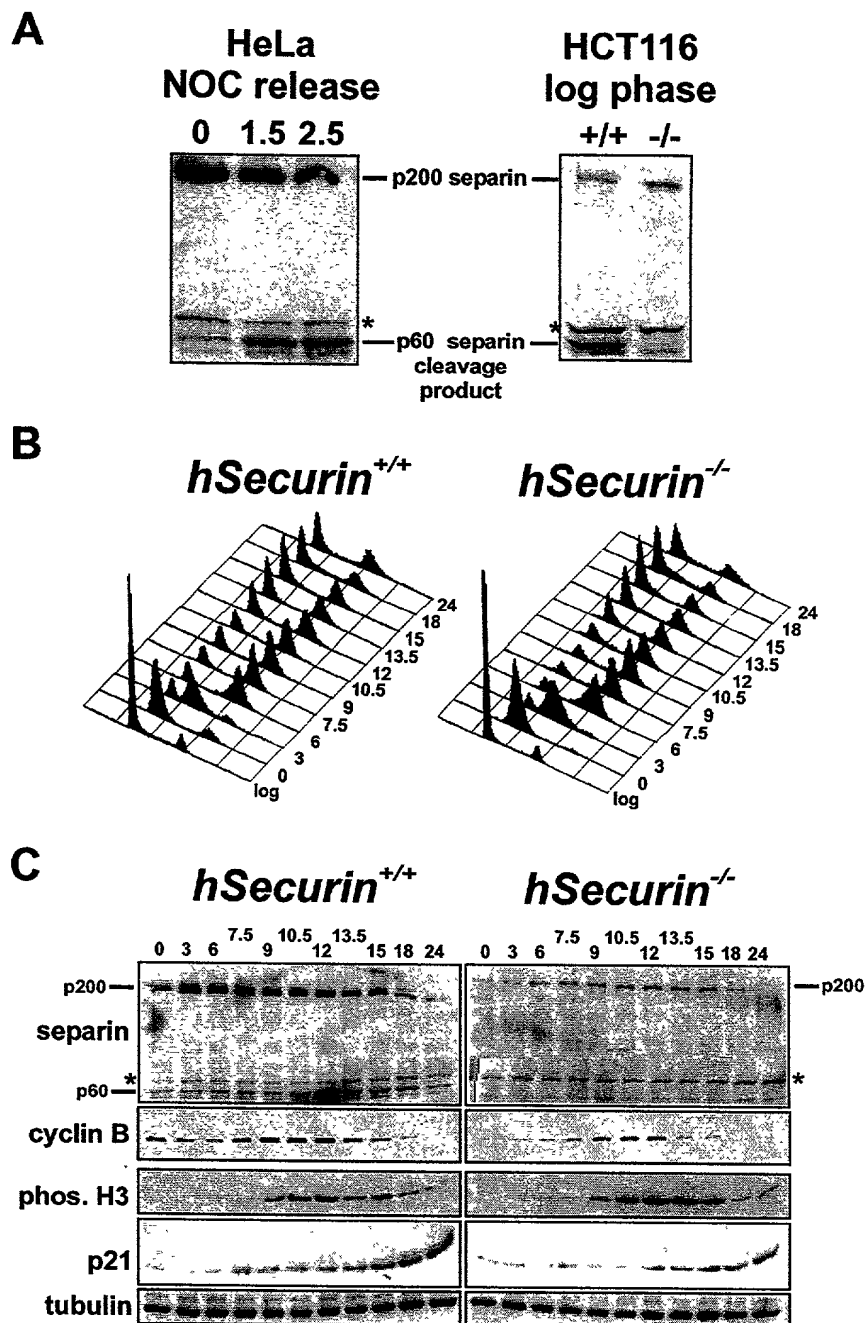


FIG. 5

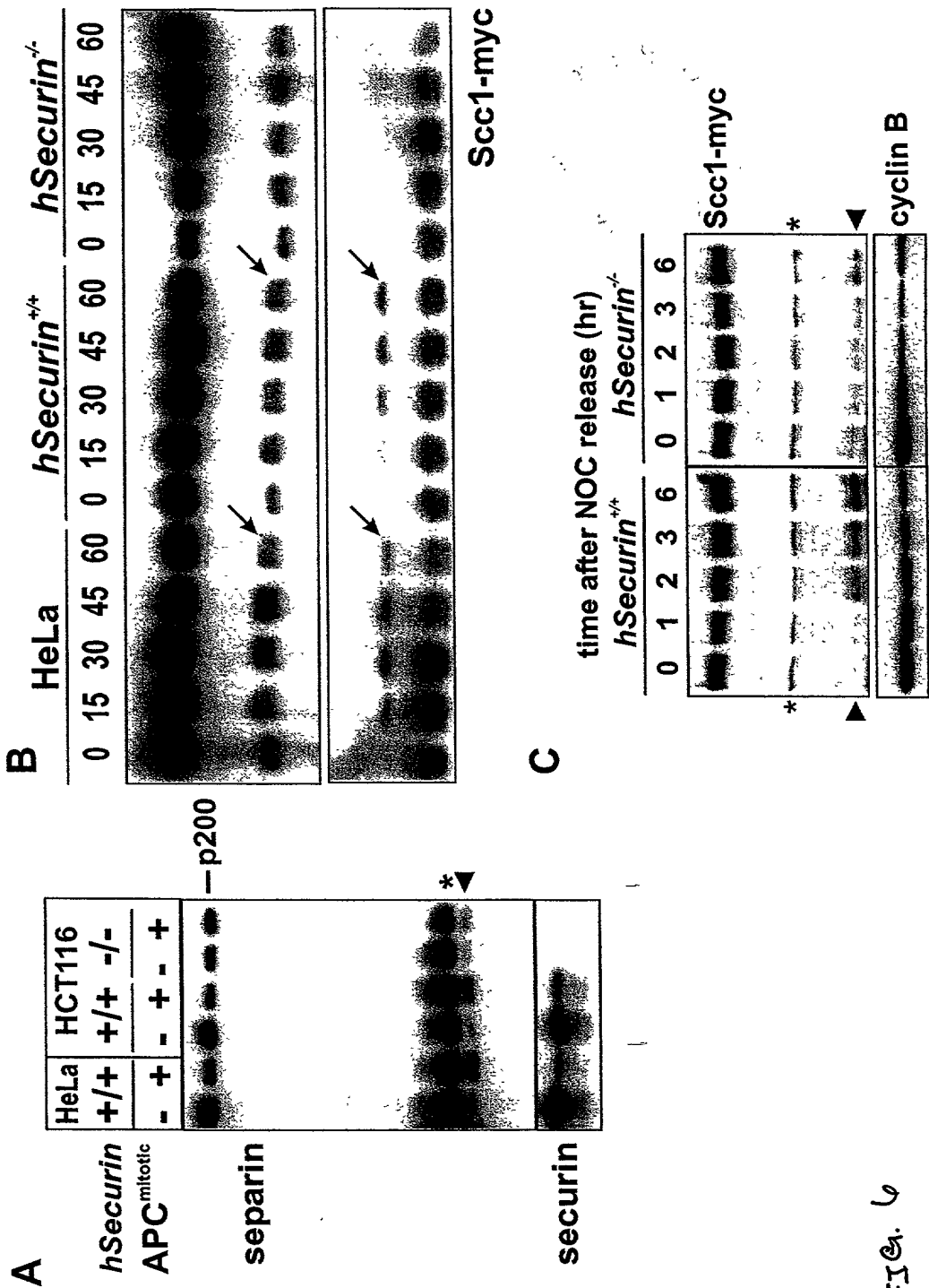


Fig. 6

FIG. 7

